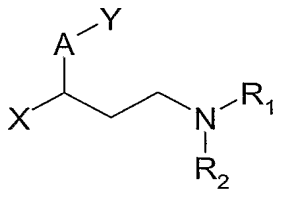
We Claim:

1. A compound of formula I:



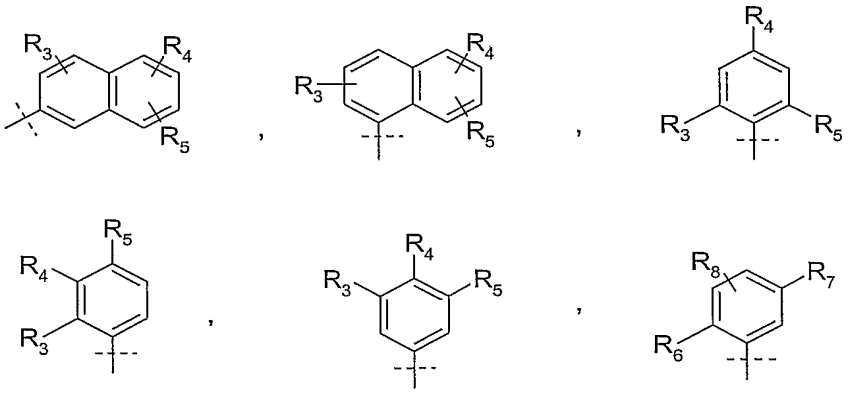
I

wherein

A is selected from -O- and -S-;

X is selected from C_1-C_8 alkyl, C_2-C_8 alkenyl, and C_4-C_8 cycloalkylalkyl, each of which may be optionally substituted with up to 3 substituents each independently selected from phenyl, pyrrolidinyl, piperidinyl, morpholinyl, halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, $-CF_3$, -CN and $-CONH_2$;

Y is selected from



wherein

R_3, R_4 and R_5 are independently selected from hydrogen, halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, $-CF_3$, $-SCF_3$ and cyano;

R_6 and R_7 are independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, $-CF_3$, $-SCF_3$ and cyano;

R_8 is selected from chloro, bromo, iodo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, $-CF_3$, $-SCF_3$ and cyano; and

R_1 and R_2 are each independently hydrogen or C_1-C_4 alkyl;

or pharmaceutically acceptable salts thereof.

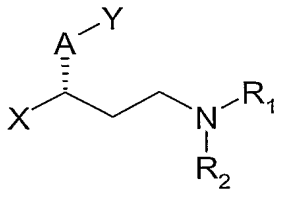
2. A compound as claimed in claim 1, wherein A is -O-.

3. A compound as claimed in claim 1, wherein A is -S-.

4. A compound as claimed in any one of the preceding claims, wherein one of R_1 and R_2 is hydrogen.

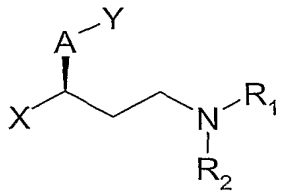
5. A compounds as claimed in any one of the preceding claims, wherein one of R_1 and R_2 is hydrogen and the other is methyl.

6. A compound as claimed in any one of the preceding claims, wherein the compound possesses the stereochemistry defined in formula II



II

7. A compound as claimed in any one of claims 1 - 5, wherein the compound possesses the stereochemistry defined in formula III



III

8. A compound as claimed in any one of the preceding claims, wherein X is C_1-C_8 alkyl which may be optionally substituted with one substituent independently selected from phenyl, pyrrolidinyl, morpholinyl, halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, and -CF_3.

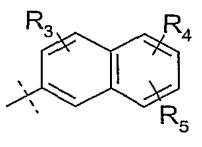
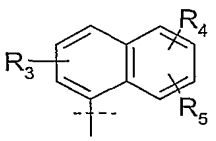
9. A compound as claimed in claim 8 wherein X is selected from methyl, ethyl, n-propyl, i-propyl, n-butyl, i-butyl, n-pentyl, i-pentyl, neopentyl, 3,3-dimethylbutyl and 2-ethylbutyl, each of which may be optionally substituted with one substituent independently selected from phenyl, pyrrolidinyl, morpholinyl, halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$-where n is 0 and -CF_3.

10. A compound as claimed in claim 9 wherein X is selected from n-propyl, i-propyl, n-butyl and i-butyl.

11. A compound as claimed in any one of claims 1 to 7, wherein X is C_4-C_8 cycloalkylalkyl which may be optionally substituted with up to 3 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, -CF_3, -CN and -$CONH_2$.

12. A compound as claimed in claim 11 wherein X is selected from cyclohexylmethyl and cyclopropylmethyl.

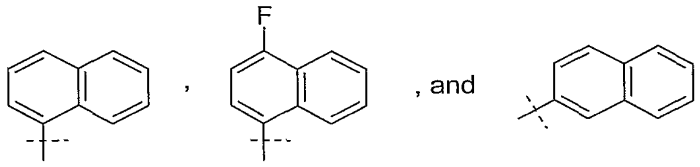
13. A compound as claimed in any one of claims 1 to 12, wherein Y is selected from

 , and 

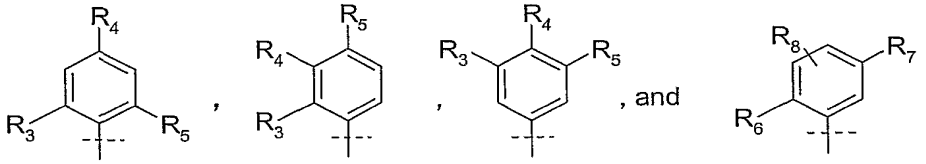
where

R_3, R_4 and R_5 are independently selected from hydrogen, halo, C_1-C_4 alkyl and $-CF_3$.

14. A compound as claimed in claim 13, wherein Y is selected from



15. A compound as claimed in any one of claims 1 to 12, wherein Y is selected from



wherein

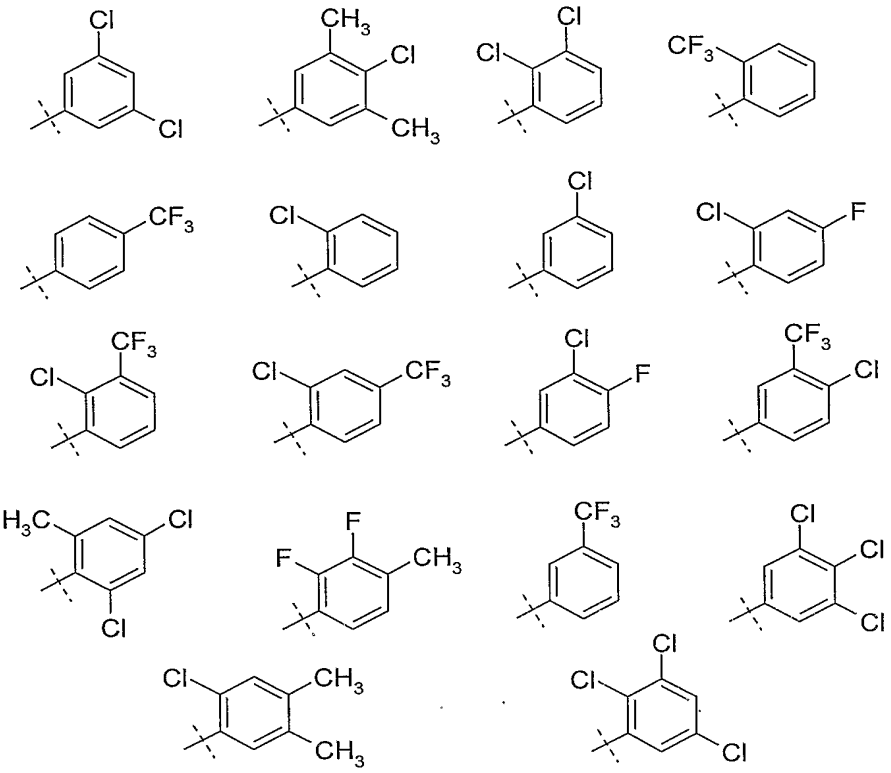
R_3, R_4 and R_5 are independently selected from hydrogen, halo, C_1-C_4 alkyl, and $-CF_3$;

R_6 and R_7 are independently selected from halo, C_1-C_4 alkyl, and $-CF_3$; and

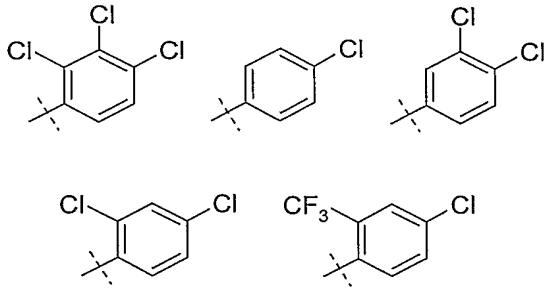
R_8 is selected from chloro, bromo, iodo, C_1-C_4 alkyl, and $-CF_3$;

provided when R_3 and R_4 are hydrogen, R_5 is not hydrogen.

16. A compound as claimed in claim 15, wherein Y is selected from



17. A compound as claimed in claim 15, wherein Y is selected from



18. A compound as claimed in claim 16 or 17 wherein X is n-propyl.

19. A compound of claim 1 selected from

(S)-Methyl-[3-(2-trifluoromethyl-phenoxy)-hexyl]-amine;

(S)-[3-(3-Chloro-phenoxy)-hexyl]-methyl-amine;

(S)-[3-(3-Chloro-4-fluoro-phenoxy)-hexyl]-methyl-amine;

(S)-[3-(4-Chloro-3-trifluoromethyl-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(2-Chloro-4-fluoro-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(2-Chloro-4-trifluoromethyl-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(4-Fluoro-naphthalen-1-yloxy)-hexyl]-methyl-amine;
(S)-[3-(2,3-Difluoro-4-methyl-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(4-Fluoro-naphthalen-1-yloxy)-hexyl]-methyl-amine;
[3-(2,4-Dichloro-phenoxy)-4-methyl-penty]-methyl-amine ;
[3-(2,4-Dichloro-phenoxy)-5,5-dimethyl-hexyl]-methyl-amine;
[4-Cyclopropyl-3-(2,4-dichloro-phenoxy)-butyl]-methyl-amine;
(S)-Methyl-[3-(4-trifluoromethyl-phenoxy)-hexyl]-amine;
(S)-[3-(4-Chloro-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(2,3-Dichloro-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(Naphthalen-2-yloxy)-hexyl]-methyl-amine;
(S)-[3-(Naphthalen-1-yloxy)-hexyl]-methyl-amine;
(S)-[3-(2-Chloro-3-trifluoromethyl-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(2,3,5-Trichloro-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(4-Chloro-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(2,3-Dichloro-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(Naphthalen-2-yloxy)-hexyl]-methyl-amine;
(R)-[3-(Naphthalen-1-yloxy)-hexyl]-methyl-amine;
(R)-[3-(2-Chloro-3-trifluoromethyl-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(2,3,5-Trichloro-phenoxy)-hexyl]-methyl-amine;
[3-(2,4-Dichloro-phenoxy)-butyl]-methyl-amine;
[3-(2,4-Dichloro-phenoxy)-pentyl]-methyl-amine;
(S)-[3-(2,4-Dichloro-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(3,4-Dichloro-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(3,4-Dichloro-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(3,5-Dichloro-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(3,5-Dichloro-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(2,4-Dichloro-6-methyl-phenoxy)-hexyl]-methyl-amine;
(S)-[3-(4-Chloro-3,5-dimethyl-phenoxy)-hexyl]-methyl-amine;
(R)-[3-(4-Chloro-3,5-dimethyl-phenoxy)-hexyl]-methyl-amine;
[3-(2,4-Dichloro-phenoxy)-6-methyl-heptyl]-methyl-amine;
(R)-[3-(2,4-Dichloro-phenoxy)-4-methoxy-butyl]-methyl-amine;
(R)-[3-(2,4-Dichloro-phenoxy)-4-ethoxy-butyl]-methyl-amine;

[3-(2,3-Dichloro-phenoxy)-6-methyl-heptyl]-methyl-amine;

(S)-[3-(4-Chloro-2-trifluoromethyl-phenoxy)-hexyl]-methyl-amine;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isobutoxy-butyl]-methyl-amine;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isopropoxy-butyl]-methyl-amine;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isopropylsylfanyl-butyl]-methyl-amine;

(R)-[4-tert-Butoxy-3-(2,4-dichloro-phenoxy)-butyl]-methyl-amine;

(S)-[4-tert-butoxy-3-(2,4-dichloro-phenoxy)-butyl]-methyl-amine;

(R)-[3-(2,3,4-trichloro-phenoxy)-hexyl]-methyl-amine;

(S)-[3-(2,3,4-trichloro-phenoxy)-hexyl]-methyl-amine;

(R)-[3-(3,4,5-trichloro-phenoxy)-hexyl]-methyl-amine;

(S)-[3-(3,4,5-trichloro-phenoxy)-hexyl]-methyl-amine;

(R)-[3-(2,4-Dichloro-phenoxy)-4-morpholin-4-yl-butyl]-methyl-amine;

(R)-[3-(2,4-Dichloro-phenoxy)-4-pyrrolidin-1-yl-butyl]-methyl-amine;

(S)-[3-(3-Chloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(3-Chloro-4-fluoro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(4-Chloro-3-trifluoromethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2-Chloro-4-fluoro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2-Chloro-4-trifluoromethyl-phenoxy)-hexyl]-methyl amine hydrochloride;

(S)-[3-(4-Fluoro-naphthalen-1-yloxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2,3-Difluoro-4-methyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(4-Fluoro-naphthalen-1-yloxy)-hexyl]-methyl-amine hydrochloride;

[3-(2,4-Dichloro-phenoxy)-6,6,6-trifluoro-hexyl]-methyl-amine hydrochloride;

[3-(2,4-Dichloro-phenoxy)-4-methyl-penty]-methyl-amine hydrochloride;

[3-(2,4-Dichloro-phenoxy)-5,5-dimethyl-hexyl]-methyl-amine hydrochloride;

[4-Cyclopropyl-3-(2,4-dichloro-phenoxy)-butyl]-methyl-amine hydrochloride;

(R)-[3-(2,3,4)-Trichloro -phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(3,4,5)-Trichloro -phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2,3,4)-Trichloro -phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(3,4,5)-Trichloro -phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2-Trifluoromethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(4-Trifluoromethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2-Chloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(4-Chloro-phenoxy)-hexyl]-methyl-amine hydrochoride;

(S)-[3-(2,3-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(Naphthalen-2-yloxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(Naphthalen-1-yloxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2-Chloro-3-trifluoromethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2,3,5-Trichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(4-Chloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(2,3-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(Naphthalen-2-yloxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(Naphthalen-1-yloxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(2-Chloro-3-trifluoromethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(2,3,5-Trichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

[3-(2,4-Dichloro-phenoxy)-butyl]-methyl-amine hydrochloride;

[3-(2,4-Dichloro-phenoxy)-pentyl]-methyl-amine hydrochloride;

(S)-[3-(2,4-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(3,4-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(3,4-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(3,5-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(3,5-Dichloro-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(2,4-Dichloro-6-methyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(S)-[3-(4-Chloro-3,5-dimethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(4-Chloro-3,5-dimethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

[3-(2,4-Dichloro-phenoxy)-6-methyl-heptyl]-methyl-amine hydrochloride;

[3-(2,3-Dichloro-phenoxy)-6-methyl-heptyl]-methyl-amine hydrochloride;

[3-(2,3-Dichloro-phenoxy)-6-methyl-heptyl]-methyl-amine hydrochloride;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isobutoxy-butyl]-methyl-amine hydrochloride;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isopropoxy-butyl]-methyl-amine hydrochloride;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isopropylsylfanyl-butyl]-methyl-amine hydrochloride;

(S)-[3-(4-Chloro-2-trifluoromethyl-phenoxy)-hexyl]-methyl-amine hydrochloride;

(R)-[3-(2,4-Dichloro-phenoxy)-4-methoxy-butyl]-methyl-amine hydrochloride;

(R)-[3-(2,4-Dichloro-phenoxy)-4-ethoxy-butyl]-methyl-amine hydrochloride;

(R)-[3-(2,4-Dichloro-phenoxy)-4-isopropoxy-butyl]-methyl-amine hydrochloride;

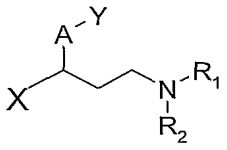
(R)-[3-(2,4-Dichloro-phenoxy)-4-pyrrolidin-1-yl-butyl]-methyl-amine succinate;

(R)-[3-(2,4-Dichloro-phenoxy)-4-morpholine-4-yl-butyl]-methyl-amine succinate;

(R)-[4-*tert*-Butoxy-3-(2,4-dichloro-phenoxy)-butyl]-methyl-amine trifluoroacetate; and

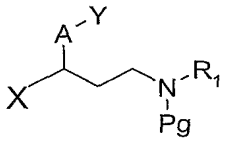
(S)-[4-*tert*-Butoxy-3-(2,4-dichloro-phenoxy)-butyl]-methyl-amine trifluoroacetate.

20. A process for preparing the compound of formula I, or a pharmaceutically acceptable salt thereof, comprising



I

for a compound of formula I where R_2 is hydrogen, deprotecting a compound of formula IV



IV

where Pg is an amine protecting group;

whereafter, for the above procedure, when a pharmaceutically acceptable salt of a compound of formula I is required, it is obtained by reacting the basic form of such a compound of formula I with an acid affording a physiologically acceptable counterion, or by any other conventional procedure where the values of X, A, Y, R_1 and R_2 are defined in claim 1.

21. A pharmaceutical composition comprising a compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19, together with a pharmaceutically acceptable diluent or carrier.

22. A compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19, for use as a pharmaceutical.

23. A compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19, for use as a selective inhibitor of the reuptake of both serotonin and norepinephrine.

24. A compound of formula I or a pharmaceutically acceptable salt thereof, as

defined in any one of claims 1-19, for use in the treatment of a disorder associated with serotonin and norepinephrine dysfunction in mammals.

25. A compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19, for use in the treatment of a disorder selected from selected from depression, OCD, anxiety, memory loss, urinary incontinence, conduct disorders, ADHD, obesity, alcoholism, smoking cessation, hot flashes/flushes and pain.

26. The use of a compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19, in the manufacture of a medicament for selectively inhibiting the reuptake of serotonin and norepinephrine.

27. The use of a compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19, in the manufacture of a medicament for the treatment of a disorder associated with serotonin and norepinephrine dysfunction in mammals.

28. The use as claimed in claim 27, wherein the disorder is selected from depression, OCD, anxiety, memory loss, urinary incontinence, conduct disorders, ADHD, obesity, alcoholism, smoking cessation, hot flashes/flushes and pain.

29. The use as claimed in claim 28, wherein the disorder is selected from depression, urinary incontinence and pain.

30. The use as claimed in claim 29, wherein the disorder is pain.

31. A method for selectively inhibiting the reuptake of serotonin and norepinephrine in mammals, comprising administering to a mammal patient in need thereof an effective amount of a compound of formula I or a pharmaceutically acceptable salt thereof, as defined in any one of claims 1-19.

32. A method as claimed in claim 31, where the mammal is human.